

# PCT

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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT (PCT Article 36 and Rule 70)

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|--|---|---|
| Applicant's or agent's file reference<br>PCT03032  | <b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) |   |
| International application No.<br><b>PCT/KR2003/000521</b>  | International filing date (day/month/year)<br><b>18 MARCH 2003 (18.03.2003)</b>   | Priority date (day/month/year)<br>29 JULY 2002 (29.07.2002) |
| International Patent Classification (IPC) or national classification and IPC<br><b>IPC7 G06F 19/00</b> |   |   |
| Applicant<br><b>CHOI, Seung-Whan</b>   |   |   |

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.



2. This REPORT consists of a total of 4 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of \_\_\_\_\_ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

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| Date of submission of the demand<br><b>02 MARCH 2004 (02.03.2004)</b>   | Date of completion of this report<br>19 NOVEMBER 2004 (19.11.2004)   |
| Name and mailing address of the IPEA/KR<br><br>Korean Intellectual Property Office<br>920 Dunsan-dong, Seo-gu, Daejeon 302-701,<br>Republic of Korea<br>Facsimile No. 82-42-472-7140 | Authorized officer<br>CHUNG, Jun Mo<br>Telephone No. 82-42-481-5786<br> |

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/KR2003/000521

## I. Basis of the report

### 1. With regard to the elements of the international application:\*

- ☒ the international application as originally filed
- ☒ the description:  
 pages 1-15, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☒ the claims:  
 pages 16-22, as originally filed  
 pages \_\_\_\_\_, as amended (together with any statement) under Article 19  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
 pages 6/6, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_
- ☐ the sequence listing part of the description:  
 pages \_\_\_\_\_, as originally filed  
 pages \_\_\_\_\_, filed with the demand  
 pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

### 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

### 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

### 4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets \_\_\_\_\_

### 5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed." and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item I and annexed to this report.

# INTERNATIONAL PRELIMINARY EXAMINATION

International application No.

PCT/KR2003/000521

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

### 1. Statement

|                               |            |     |
|-------------------------------|------------|-----|
| Novelty (N)                   | Claims 1-9 | YES |
|                               | Claims     | NO  |
| Inventive step (IS)           | Claims     | YES |
|                               | Claims 1-9 | NO  |
| Industrial applicability (IA) | Claims 1-9 | YES |
|                               | Claims     | NO  |

### 2. Citations and explanations (Rule 70.7)

Reference is made to the following documents:

D1: KR 99-13213 A (LG ELECTRONIC CO., LTD.)

D2: US 5,464,220 A (DALE G. HANSEN)

#### 1. Novelty

The subject matter of claims 1-9 conform to the regulations in PCT Article 33(2) and (4) and possess novelty

#### 2. Inventive Step

Claims 1-3 of the present application relate to a system and method for correcting a golf swing of a golfer using the Internet, comprising: photographing means for photographing a golf swing of a golfer and outputting corresponding data; image processing means; weight center detecting means; control means for receiving the image and outputting moving picture data; display means for displaying the output moving picture data; and a Web server for outputting golf swing correcting data or moving picture data.

D1 relates to a position correction system using the image comparison, comprising: an image pickup device for converting an optical signal into an image signal according to the movement that is photographed; a digital conversion means for converting the image signal into digital image data and outputting the data; storing means for storing the image data; image detection/comparison means for outputting an image signal; edge detection means for detecting an edge image through preprocessing the converted image data; and an error imaging means for comparing the edge data and generating error data and image data.

Claims 1-3 of the present application differ from D1 in the use but similar to D1 in the features, as shown above. Therefore, the subject matter of claims 1-3 is considered to lack an inventive step.

(Continued on Supplemental Sheet.)

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of:

Box V.

D2 relates to a golf practice device comprising a first strip having indicia for indicating proper positioning of a golfer's feet; a second strip from and parallel to said first strip and having a ball marker for indicating a proper ball position, and a plurality of predetermined corner angles corresponding to a plurality of golf clubs, whereby, by arranging said strips to form a selected one of said predetermined corner angles on a template, the correct golf stance and ball placement is indicated for a selected golf club.

It would be obvious to derive the features of claims 4-9 of the present application from those of D2, thereby arriving at the invention of claims 4-9. Therefore, the subject matter of claims 4-9 is considered to lack an inventive step.

### 3. Industrial Applicability

The subject matter of claims 1-9 is considered to be industrially applicable PCT article 33(4).